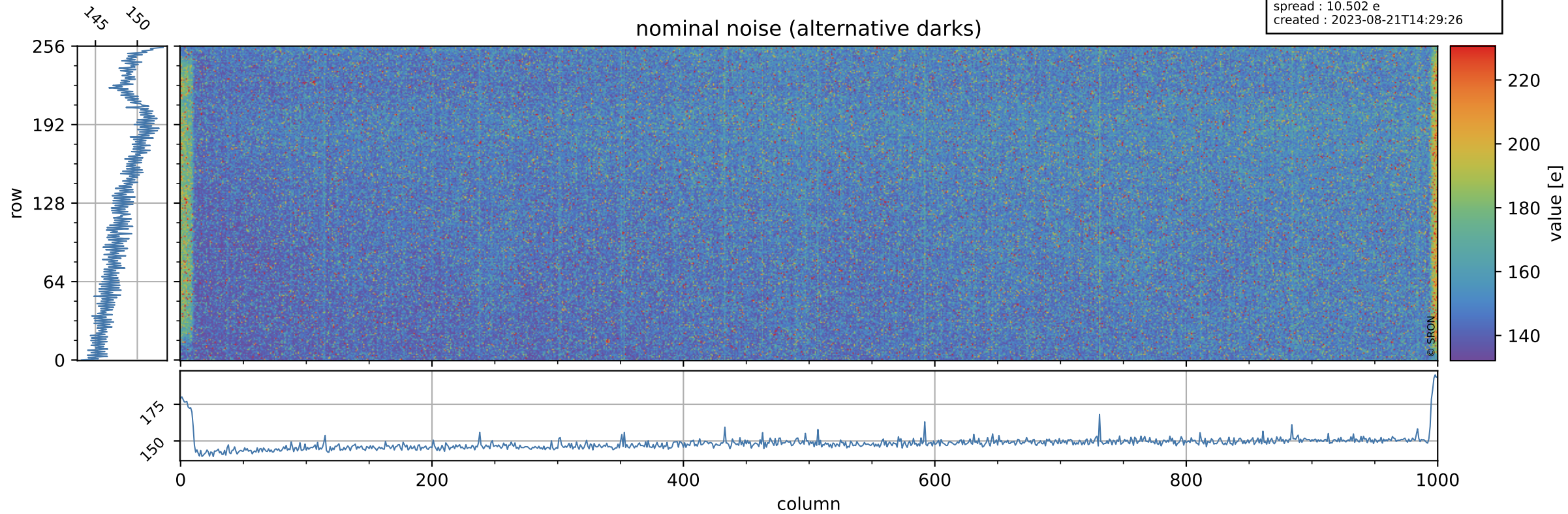


Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.502 e
created : 2023-08-21T14:29:26

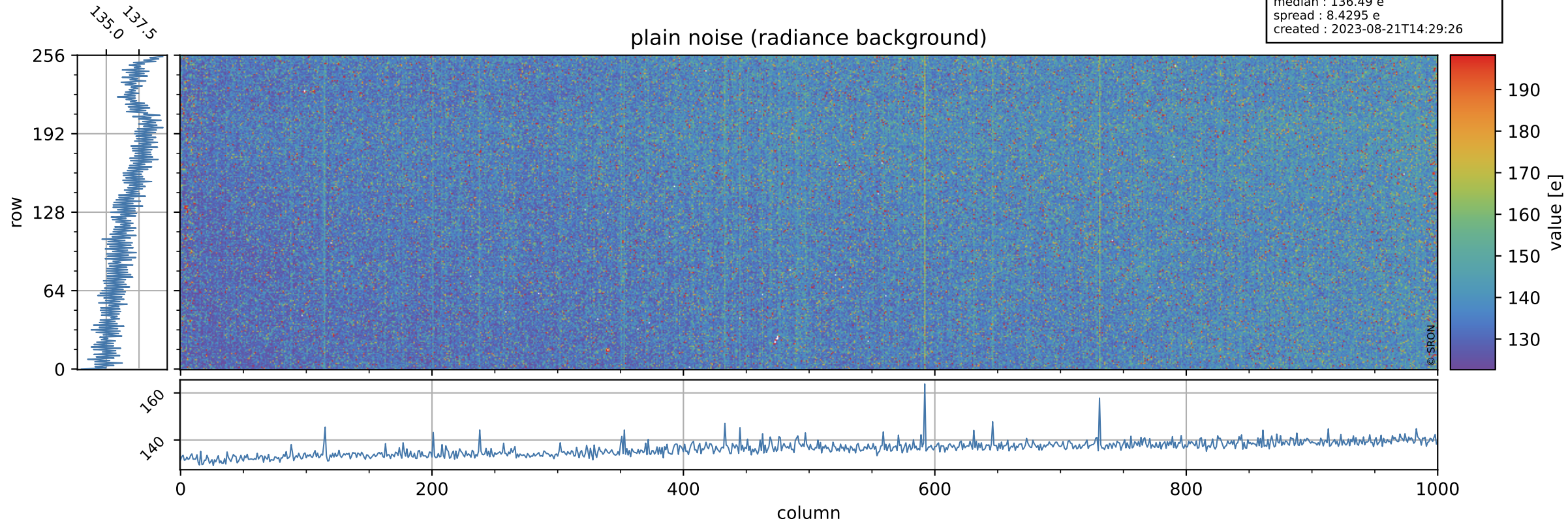
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
n_coad, t_exp : 2, 0.5383
median : 136.49 e
spread : 8.4295 e
created : 2023-08-21T14:29:26

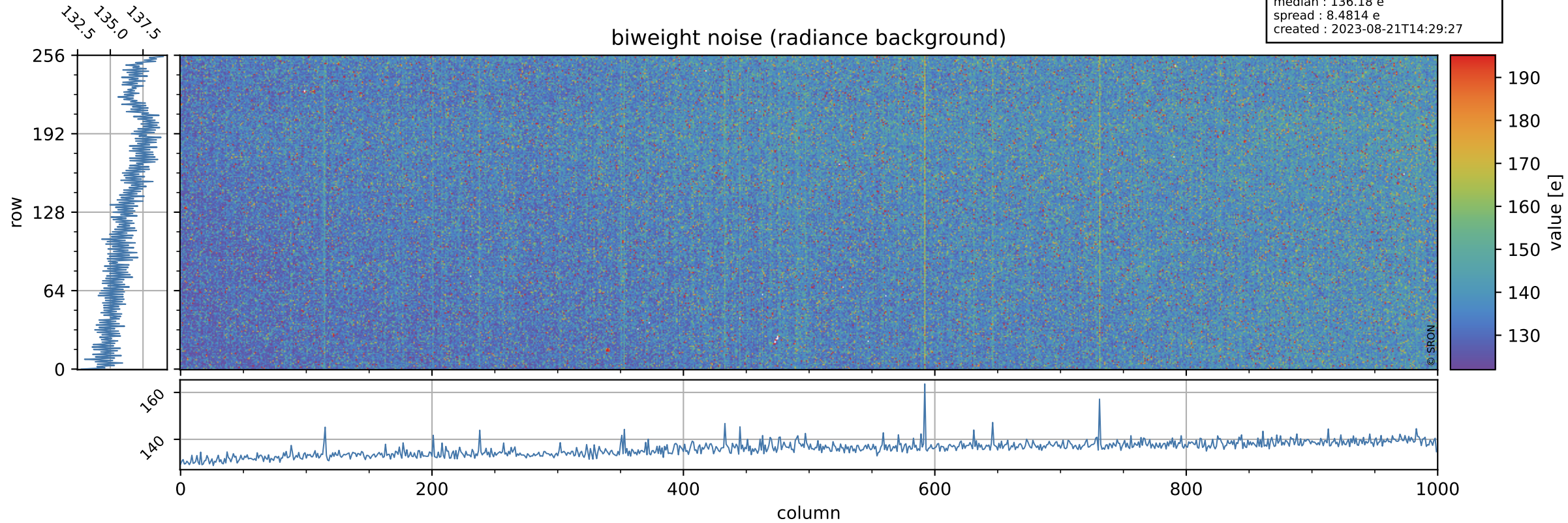
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4814 e
created : 2023-08-21T14:29:27

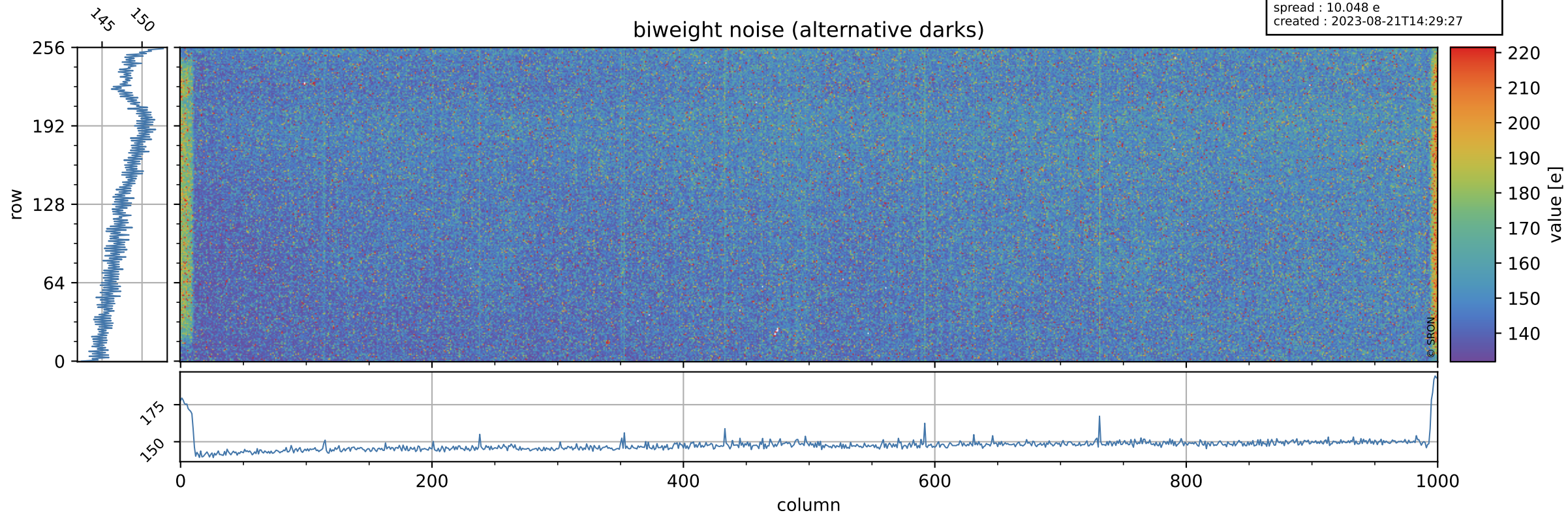
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 10.048 e
created : 2023-08-21T14:29:27

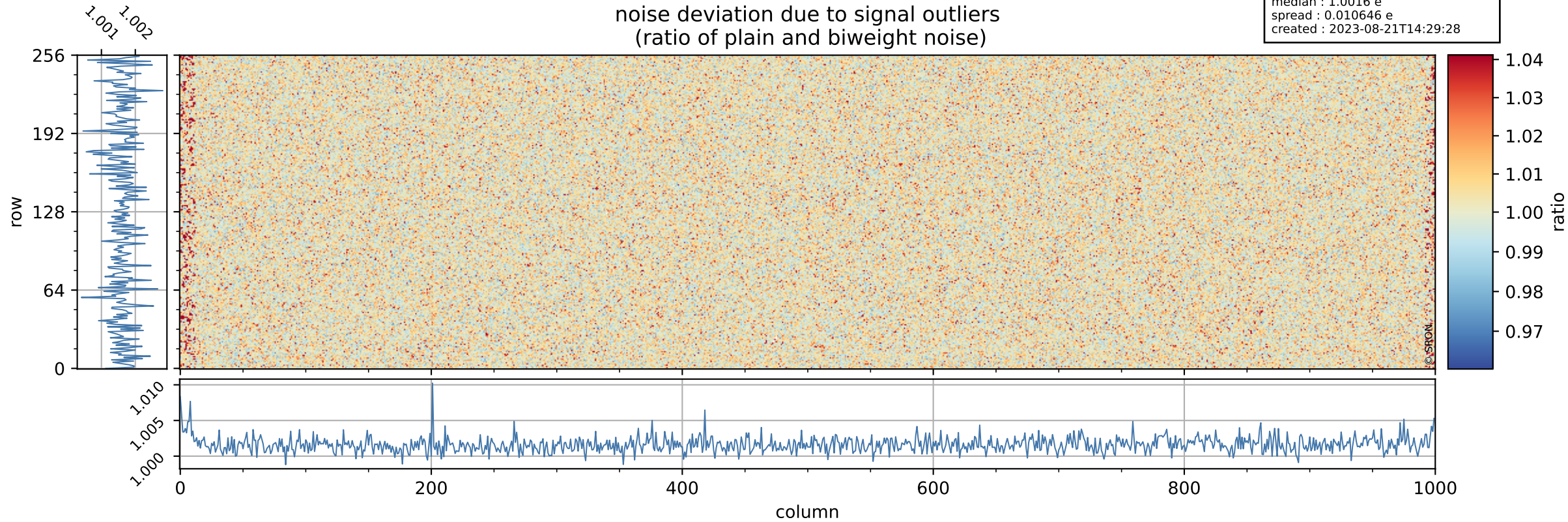
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

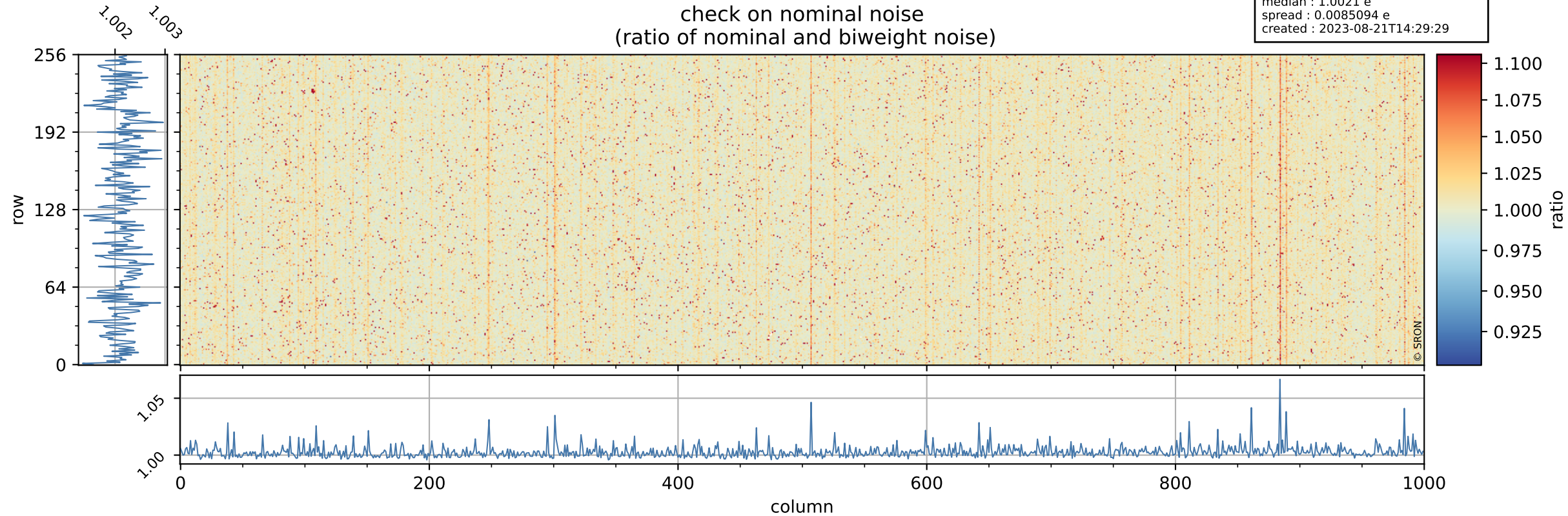
orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
median : 1.0016 e
spread : 0.010646 e
created : 2023-08-21T14:29:28



Tropomi SWIR background noise (swir)

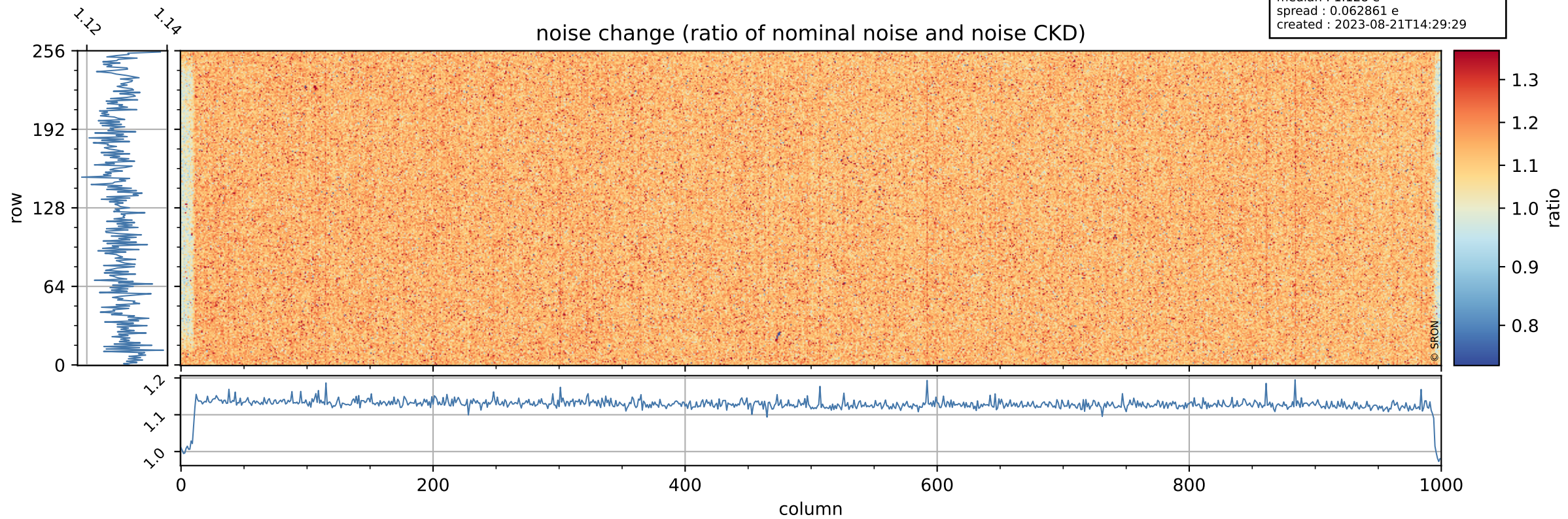
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
median : 1.0021 e
spread : 0.0085094 e
created : 2023-08-21T14:29:29



Tropomi SWIR background noise (swir)

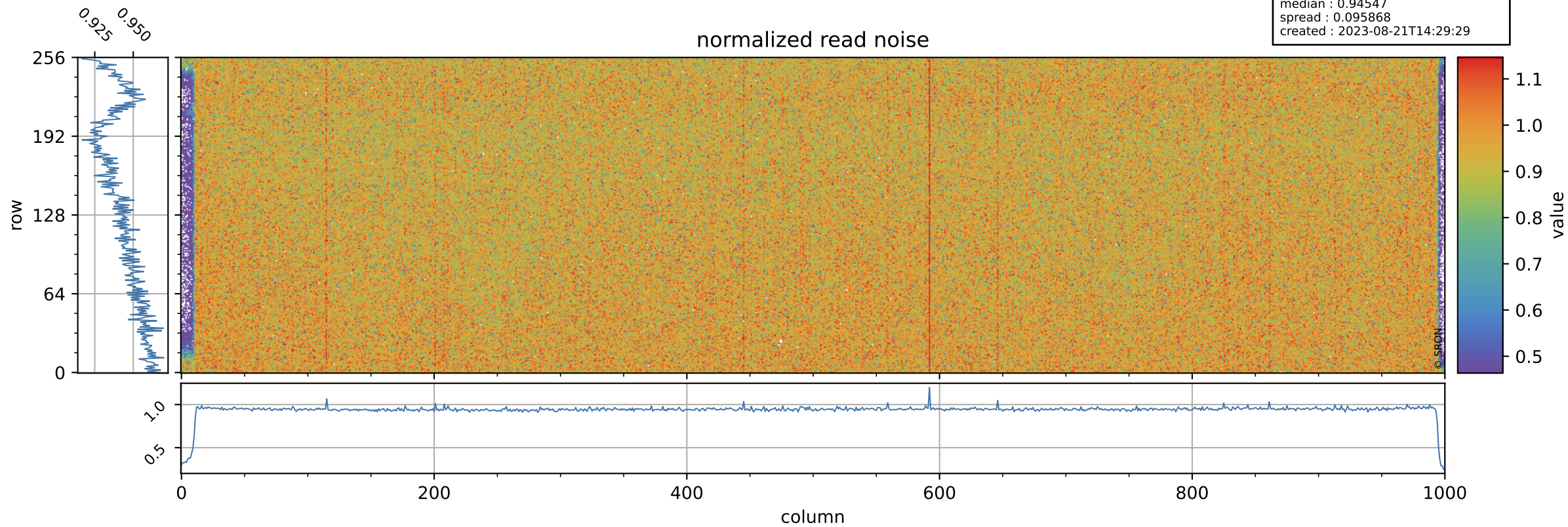
orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
median : 1.128 e
spread : 0.062861 e
created : 2023-08-21T14:29:29



Tropomi SWIR background noise (swir)

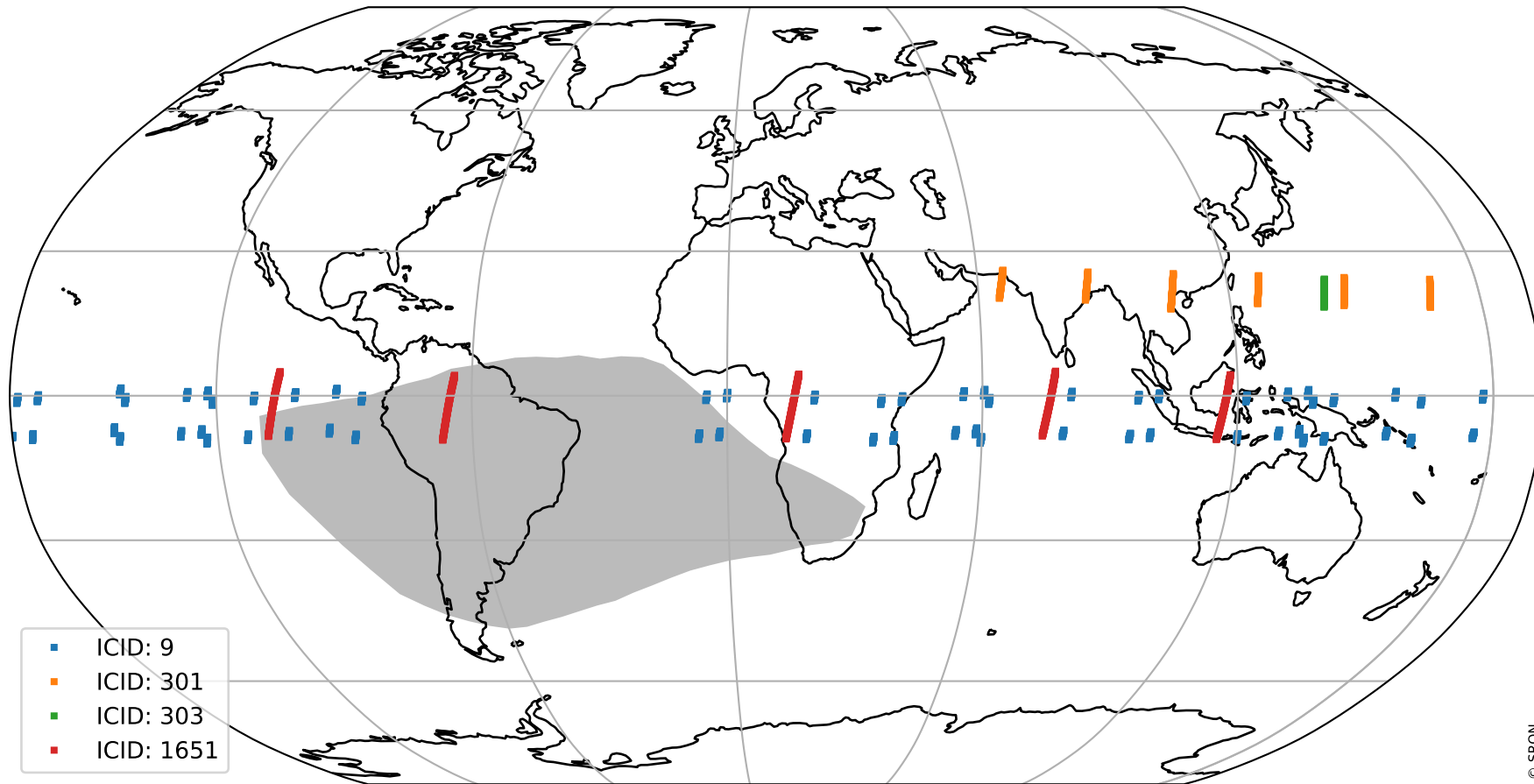
orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
median : 0.94547
spread : 0.095868
created : 2023-08-21T14:29:29

normalized read noise



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

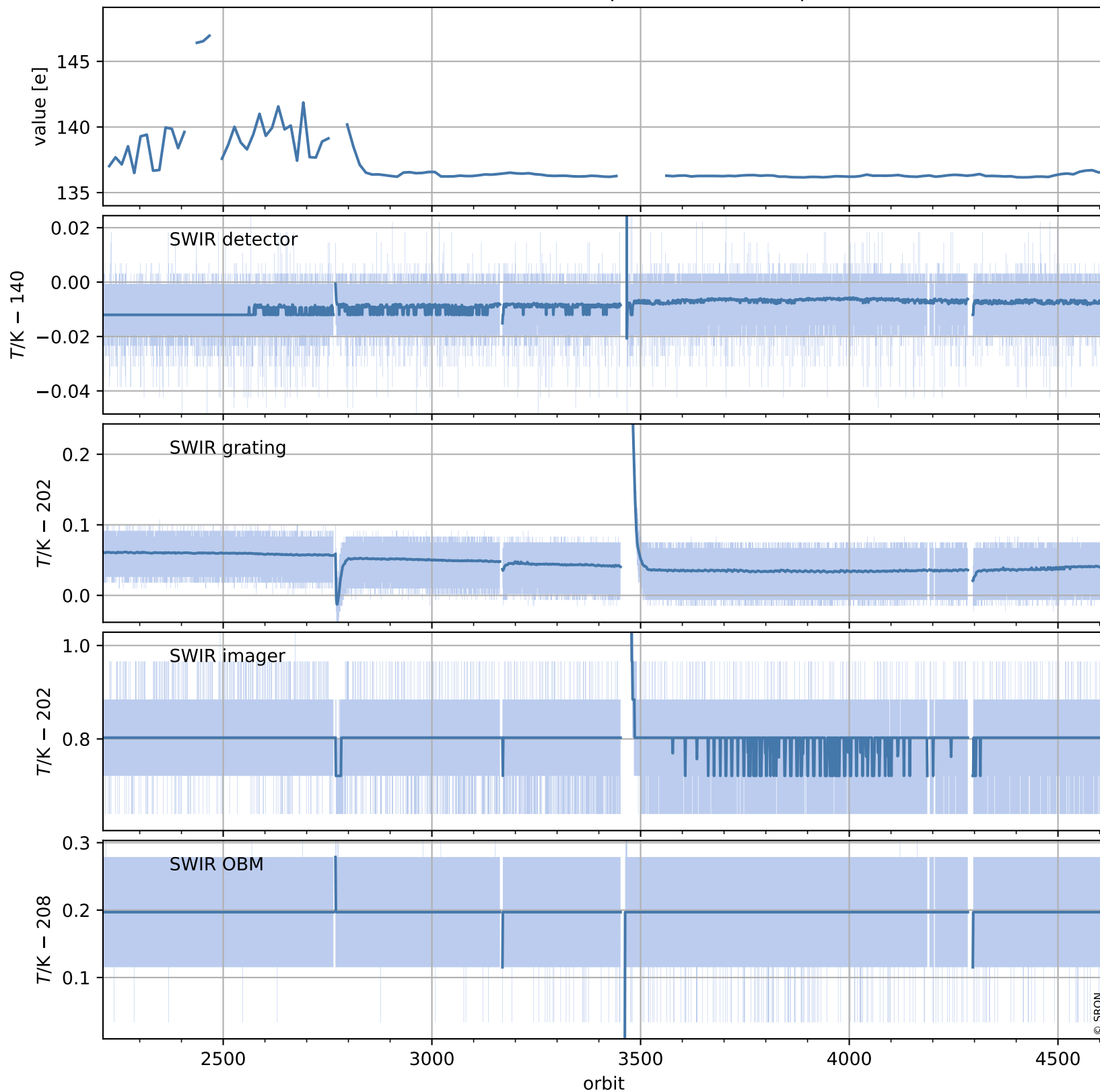
orbits : 12 in [4537, 4612]
coverage : 2018-08-28 / 2018-09-02
created : 2023-08-21T14:29:30



Tropomi SWIR background noise (swir)

orbits : [2212, 4612]
coverage : 2018-03-18 / 2018-09-02
created : 2023-08-21T14:29:30

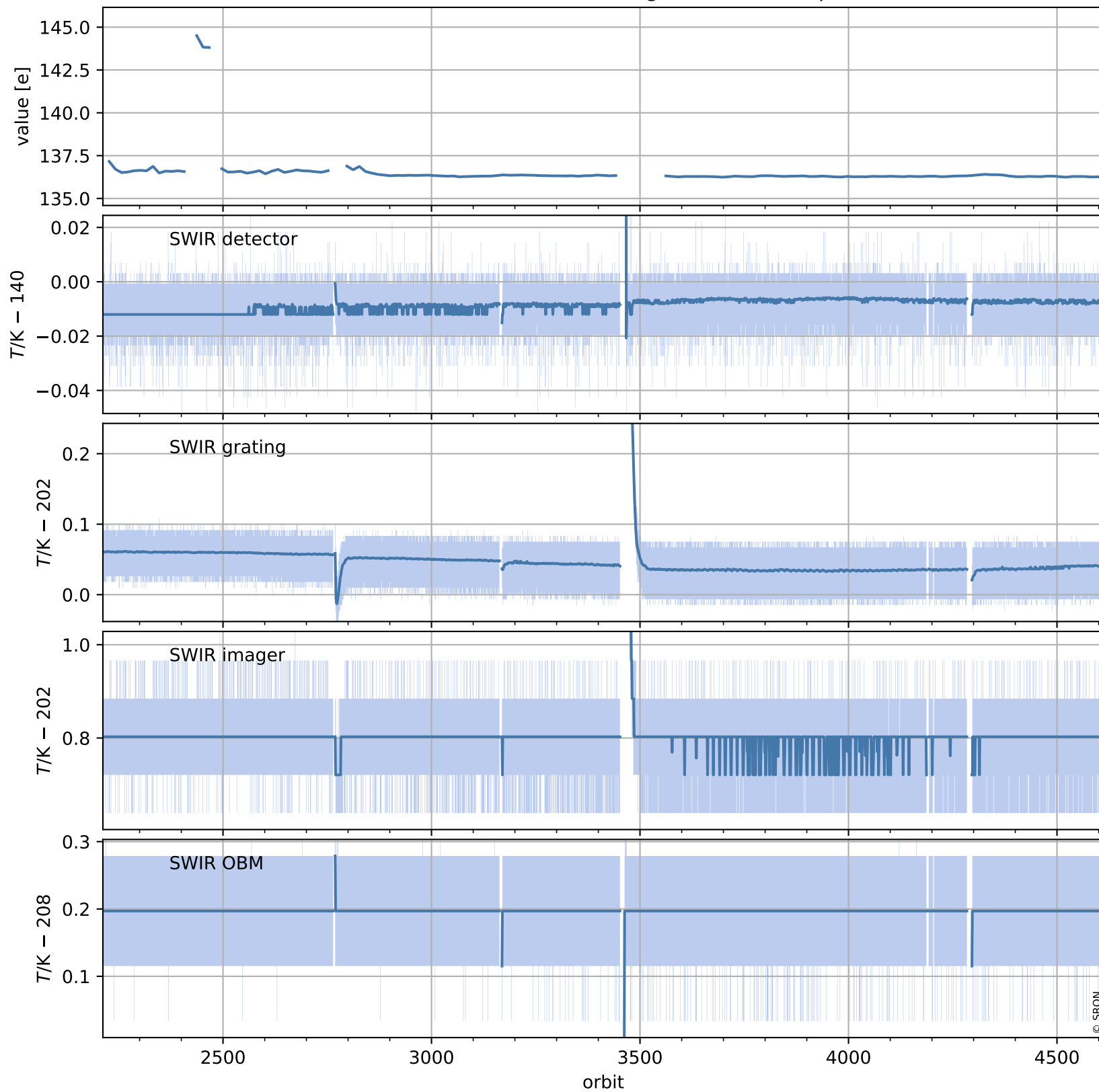
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4612]
coverage : 2018-03-18 / 2018-09-02
created : 2023-08-21T14:29:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4612]
coverage : 2018-03-18 / 2018-09-02
created : 2023-08-21T14:29:31

trend of normalized read-noise & temperatures

